Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
Data File : BG061810.D
Acq On : 1 Jul 2024 13:25
Operator : MA/JU
Sample : P2871-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 01 15:00:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 12:23:53 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A4C54

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.055	152	66046	20.000	ng/ul		0.00
20) Naphthalene-d8	10.869	136	315275	20.000	ng/ul	#	0.00
38) Acenaphthene-d10	14.688	164	199569	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.432	188	440602	20.000	ng/ul		0.00
79) Chrysene-d12	21.692	240	340138	20.000	ng/ul		0.00
88) Perylene-d12	24.912	264	402992	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.460	96	7106	3.887	ng/uL		0.00
4) Pyridine-d5	3.889	84	8150	1.474	ng/ul		0.02
7) Phenol-d5	7.203	99	158639	22.126	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.379	67	101492	22.707	ng/ul		0.00
11) 2-Chlorophenol-d4	7.585	132	112546	22.874	ng/ul		0.00
15) 4-Methylphenol-d8	8.754	113	89687	16.181	ng/ul		0.00
21) Nitrobenzene-d5	9.218	128	57684	26.946	ng/ul		0.00
24) 2-Nitrophenol-d4	9.941	143	65042	29.999	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.482	165	117848	22.955	ng/ul		0.00
31) 4-Chloroaniline-d4	10.999	131	79479	10.225	ng/ul		0.00
46) Dimethylphthalate-d6	14.089	166	376657	24.526	ng/ul		0.00
49) Acenaphthylene-d8	14.383	160	420275	24.971	ng/ul		0.00
54) 4-Nitrophenol-d4	14.871	143	54179	20.541	ng/ul		0.00
60) Fluorene-d10	15.675	176	330272	24.565	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.781	200	30678	16.283	ng/ul		0.00
73) Anthracene-d10	17.526	188	503195	25.020	ng/ul		0.00
81) Pyrene-d10	19.812	212	487541	25.661	ng/ul		0.00
92) Benzo(a)pyrene-d12	24.688	264	350912	18.232	ng/ul		0.00
Target Compounds							Qvalue
72) Phenanthrene	17.473	178	250507	10.807	ng/ul		96
74) Anthracene	17.567	178	54046m	2.280	ng/ul		
77) Carbazole	17.832	167	23509	1.168	ng/ul	#	97
78) Di-n-butylphthalate	18.384	149	28728	1.193	ng/ul	#	92
80) Fluoranthene	19.477	202	491160	22.280	ng/ul		99
82) Pyrene	19.841	202	358102	15.277	ng/ul	#	95
85) Benzo(a)anthracene	21.674	228	208760	8.744	ng/ul		96
86) Bis(2-ethylhexyl)phtha...	21.580	149	48262	3.847	ng/ul	#	97
87) Chrysene	21.739	228	230699	10.212	ng/ul		96
90) Benzo(b)fluoranthene	23.889	252	324973	13.415	ng/ul		97
91) Benzo(k)fluoranthene	23.948	252	100257m	4.024	ng/ul		
93) Benzo(a)pyrene	24.753	252	123152	5.280	ng/ul	#	94
94) Indeno(1,2,3-cd)pyrene	28.578	276	125196	4.308	ng/ul		94
95) Dibenzo(a,h)anthracene	28.619	278	46253m	1.914	ng/ul		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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